

## Recent Updates to the ATS Web Site

### Conference Proceedings

Presentations from past Small Satellite Rideshare and SmallSat Conferences are available in the Space Links Section of the ATS site. Proceedings are available for Rideshare 2001, 2002, and 2003 and SmallSat 2002.

### Fairing Search Tool Update

The Fairing Search Tool has been updated to include the calculation of clearances between the flight objects and the fairing. Horizontal clearance is calculated for both the primary and secondary flight objects and vertical clearance is calculated for the entire stack.

## Future Updates to the ATS Web Site

The next update to the ATS web site will include an Auto-Notification feature which will help to ensure that information in the Mission Database is up to date and accurate. Additionally, the Access Modes section will be expanded to include more launch vehicle and secondary payload adapter options.

## About the Integrated Design Capability (IDC) at Goddard Space Flight Center

The IDC has taken over as the coordinating organization for ATS activities. Here is an overview of the IDC:

The IDC is a human and technology resource that provides rapid space system analysis and conceptual designs. Skilled engineers and scientists utilize the IDC's collaborative process and sophisticated tools to produce detailed space mission, remote sensing instrument, and/or technology applications design concepts.

The IDC has two dedicated facilities where the IDC design teams and the customers collaborate in an environment that promotes rapid development and efficient trade studies of space system architectures, applications and concepts. The Integrated Mission Design Center (IMDC) is the mission design facility and the Instrument Synthesis and Analysis Laboratory (ISAL) is the instrument design facility.

At the completion of a session, the design team presents its findings to the customer. Findings typically include functional systems concepts, system requirements, operational scenarios, risk areas, estimated costs, trades and assumptions, and recommended future work.

For more information:

Integrated Design Capability: <http://idc.nasa.gov/>

Integrated Mission Design Center: <http://imdc.nasa.gov/>

Instrument Synthesis and Analysis Laboratory: <http://isal.nasa.gov/>

## ATS at Upcoming Events

**National Space Symposium** – March 29-April 2, 2004. Colorado Springs, CO.

This annual event is the premier U.S. policy and program forum, a "must do" opportunity for information and interaction on all sectors of space - commercial, civil and national security. Again this year, the Access to Space web site will be showcased at the a.i. solutions booth (#24-25).

<http://www.spacesymposium.org/national04/>

**Small Satellite Rideshare Conference** – May 11-13, 2004. Anchorage, AK.

This annual conference is designed to address the issues related to access to space for small payloads, their potential benefits, and the key technologies for achieving affordable access to space. The conference will include a tour of the Kodiak Launch Complex on Kodiak Island.

[http://www.nro.gov/PressReleases/prs\\_rel76.html](http://www.nro.gov/PressReleases/prs_rel76.html)

**SmallSat Conference** – August 9-12, 2004. Logan, UT.

For nearly two decades, the AIAA/USU Conference on Small Satellites has pondered the question – do small satellites augment existing large satellite mission infrastructure, or are they disruptive in that they can replace conventional space missions? The answer lies in an effective measure of the utility of small satellites. The 18th Annual AIAA/USU Conference on Small Satellites will explore this question.

<http://www.smallsat.org/>